

What is claimed is:

1. A polymeric composition comprising:  
a film-forming binder, and a wax emulsion.

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2. The polymeric composition of claim 1, wherein the  
film forming binder is selected from the group consisting of  
polyester, polyolefin and polyamide or blends thereof.

10 3. The polymeric composition of claim 1, wherein the  
film forming binder is selected from the group consisting of  
polyacrylates, polyacrylic acid, polymethacrylates,  
polyvinyl acetates, co-polymer blends of vinyl acetate and  
ethylene/acrylic acid co-polymers, ethylene-acrylic acid  
15 copolymers, polyolefins, and natural and synthetic waxes.

4. The polymeric composition according to claim 1,  
wherein said film forming binder is an acrylic binder.

20 5. The polymeric composition according to claim 1,  
wherein said acrylic binder is an ethylene acrylic acid  
copolymer dispersion.

25 6. The polymeric composition according to claim 1,  
further comprising a retention aid.

7. The polymeric composition according to claim 1,  
wherein said film-forming binder melts in the range of from  
about 65°C to about 180°C.

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8. The polymeric composition according to claim 1, wherein said film-forming binder is a thermoplastic polymer which melts in a range of from about 65°C to about 180°C and has a solubility parameter less than about 19 (Mpa)<sup>1/2</sup>.

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9. The polymeric composition according to claim 6, wherein said acrylic binder is present in an amount of 74 parts by weight, said wax emulsion is present in an amount of 25 parts by weight, and said retention aid is present in 10 an amount of 1 part by weight.

10. A coated transfer sheet comprising:  
a substrate having a first and second surface; and  
at least one release layer overlaying said first

15 surface, said release layer comprising the composition according to claim 1.

11. The coated transfer sheet of claim 10, which further comprises at least one image receiving layer overlaying said at least one release layer, said image receiving layer comprising an ethylene acrylic acid copolymer dispersion.

12. The coated transfer sheet of claim 10, which 25 further comprises a barrier layer in-between said first surface of the substrate and said release layer, wherein said barrier layer comprises a vinyl acetate-dibutyl maleate polymer dispersion.

30 13. The coated transfer sheet of claim 9, which further comprises an antistatic layer coated on said second

surface of the substrate, wherein said antistatic layer comprises a quaternary ammonium salt solution or a polyether solution.

5        14. A coated transfer sheet comprising:

a substrate having a first and second surface; and  
at least one release layer overlaying said first surface, said release layer comprising the composition according to claim 6.

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15. The coated transfer sheet of claim 14, which further comprises at least one image receiving layer overlaying said at least one release layer, said image receiving layer comprising an ethylene acrylic acid co-polymer dispersion.

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16. The coated transfer sheet of claim 14, which further comprises a barrier layer in-between said first surface of the substrate and said release layer, wherein said barrier layer comprises a vinyl acetate-dibutyl maleate polymer dispersion.

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17. The coated transfer sheet of claim 14, which further comprises an antistatic layer coated on said second surface of the substrate, wherein said antistatic layer comprises a quaternary ammonium salt solution or a polyether solution.

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18. The polymeric composition according to claim 6, wherein said retention aid is selected from the group

consisting of polyvinyl alcohols, polymer latexes and silicates.

19. A method of applying an image to a receptor  
5 element which comprises the steps of:

- (i) imaging a coated transfer sheet according to claim 10;
- (ii) positioning the front surface of the transfer sheet against said receptor element,
- (iii) applying energy to the rear surface of the imaging system to transfer said image to said receptor element,
- 10 (iv) optionally allowing the substrate to cool, and
- (v) removing the transfer sheet from the substrate.

20. The method of claim 19, wherein said imaging is  
15 provided by laser printer or copier.

21. A method of applying an image to a receptor element which comprises the steps of:

- (i) imaging a coated transfer sheet according to claim 14;
- 20 (ii) positioning the front surface of the transfer sheet against said receptor element,
- (iii) applying energy to the rear surface of the imaging system to transfer said image to said receptor element,
- (iv) optionally allowing the substrate to cool, and
- 25 (v) removing the transfer sheet from the substrate.